



# NITFS Compliance Registration



**Product:** Kodak Libraries, Version 1.2

**Sponsor:** Eastman Kodak Company

**Developer:** Eastman Kodak Company

**Date:** 02 March 2004

**Expiration:** 02 March 2006

**Registration #:** 3007

☒ Initial Registration

☐ Supplemental/Update #

☐ Derived from Reg. #

## Complexity Level

NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## System

N-0105/98, §4.1.1

## Product

N-0105/98, §4.1.2

## Component

N-0105/98, §4.1.3

\*\* NITF 2.0 feature

\* NITF 2.1 feature

## NITFS Features Implemented:

### Format

☒ NITF

☒ v2.1

☒ v2.0

☒ v1.1

☒ NSIF

☒ v1.0

### Pixel Value Types

☒ Boolean

☒ Integer

☒ Signed Integer \*

☒ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Types

☒ Bit Mapped \*\*

☒ GCM, 2301

☒ GCM, 2301A

☒ Labels \*\*

### Text Segments

☒ STA

☒ DT1

☒ DT8S

☐ MTF

### Image Segment Types

☒ MONO

☒ RGB

☒ RGB/LUT

☒ YCbCr

☒ MULTI

☐ NODISPLY

☐ POLAR

### Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsample

☒ JPEG Lossless

☒ J2K 2000

☒ BPL Level

☒ Vector Quantization

☒ Multispectral JPEG, Individual Band

### Data Extension Segments

☒ OVERFLOW

☒ STREAMING\_FILE\_HEADER

☒ Controlled Extensions \*\*

☐ Registered Extensions \*\*

### Tagged Record

☒ Extensions

☐ ICHIPB

☐ RPC00B

☒ IOMAPA

☐ PIAE

☐ NSDE

☒ ASDE

☐ CSDE

☐ RPF

☐ DPPDB

Digest GeoSDE

☒ Fully implemented

☐ Partially implemented

☐ Not implemented

## Configurations Tested:

- Personal Computers configured with :  
Windows NT 4.0, Windows 2000, and Windows XP  
Kodak Libraries (KL) NITFLib Version 1.2

- Sun Ultra 80 configured with Solaris 2.8 and 2.9  
Kodak Libraries (KL) NITFLib Version 1.2

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.